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526 Rec'd PCT/PTO 25 OCT 2000  
13 Rec'd PCT/PTO 24 OCT 2000  
Docket No. 55340 (840)

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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

APPLICANT: Takuma HIRAMATSU  
SERIAL NO.: Not Yet Assigned [Express Mail Label No. EL298355417US]  
FILED: Herewith  
FOR: SPACE-DIVISION MULTIPLEX FULL-DUPLEX LOCAL AREA NETWORK

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

**PRELIMINARY AMENDMENT**

Please amend the above-identified application as follows:

**IN THE CLAIMS**

Please delete claims 1-25.

Kindly add the following new claims:

--26. A base station for use in a space-division multiplex optical wireless local area network for interconnecting a plurality of terminals, the base station comprising:  
a light receiving function of an angle-diversity type; and  
a multi-beam transmitter for outputting a plurality of beams,  
wherein the multi-beam transmitter includes a plurality of optical transmitters so as to form a plurality of space cells each having a predetermined size, and each of the plurality of optical transmitters includes at least one LD or at least one LED as a light source.

27. A base station according to claim 26 for use in a space-division multiplex optical wireless local area network for interconnecting a plurality of terminals, the base station comprising:

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